	246
1	Jewell
2	B.A.T.'s material guidance committee.
. 3	What was B.A.T.'s material guidance
4	committee?
5	(Witness conferring with counsel.)
6	MR. SECREST: Let the record reflect
7	that the witness is having a conversation with
8	counsel.
9	MR. NICODEMA: Can we go off the
10	record for a moment?
11	MR. SECREST: I want an answer to this
12	question.
13	MR. NICODEMA: Let's go off the
1 4	record.
15	MR. SECREST: I don't want to go off
16	the record. I think it is a legitimate question.
17	I am entitled to an answer.
18	MR. NICODEMA: You will get an
19	answer. Let's just go off the record for a
2 0	moment.
2 1	MR. SECREST: I don't want to go off
2 2	the record with a pending question. It is
2 3	improper.
2 4	MR. NICODEMA: Can I have the question
2 5	back.

,	247 Jewell
1	
2	(The record was read.)
. 3	(Counsel conferring with the witness.)
4	MR. SECREST: Let the record reflect
5	that counsel is speaking to the witness.
6	A My memory is that this is a group that
7	was responsible for guiding the company's use of
8	various materials in the manufacturing process.
9	MR. NICODEMA: Now let's go off the
10	record for a second.
11	(Discussion off the record.)
12	(Counsel conferring.)
13	Q B.A.T.'s material guidance committee
14	was part of some company outside of B&W right?
15	A Correct.
16	Q Was it in the U.K.?
17	A Yes.
18	Q Was it at GR&DC?
19	A I am not sure.
2 0	Q Was it part of BATCO Ltd.?
2 1	A I am not sure.
22	Q It was some part of B.A.T. Industries;
2 3	is that fair?
2 4	A Correct.
2 5	Q Did Brown and Williamson have a

1		248 Jewell
2	representat	ive on the material guidance committee?
3	A	I don't know.
. 4	O	Who would know the answer to that
5	_	o you think?
6	4	MR. NICODEMA: Don't speculate. Just
7	give him vo	ur best information.
8	A .	I really don't know.
9	Q	Well, if you are back at home in Macon
10		d you wanted to find out, who would you
11	ask?	
12	. А	I guess I would start in R&D.
13	· Q	With whom?
14	A	Mr. Reynolds.
15	Q	Lance Reynolds?
16	A	Correct.
17	Q	I show you what has previously been
18	marked as D	efendant's Deposition Exhibit 106 for
19	identificat	ion.
20		Did you receive a copy of that
21	document?	
22	А	Not that I recall.
2 3	Q	Your name is shown for a copy; right?
2 4	А	Correct.
2 5	Q	You probably got it; right?

1		249 Jewell
1	_	
2	А	Most likely.
3	Q	Do you know M. Garcia?
4	Α	No.
5	Q	How about D. Waxenburg, at the bottom
6	of the right	t-hand column?
7	Α	No.
8	Q ·	Do you know what "GDB" stands for?
9	Α	No.
10	Q	Is that the intitials of B&W's
11	advertising	agency?
12	. A	I don't know.
13	Q	Have you ever dealt with B&W's
14	advertising	agency?
15	. A	No.
16	Q	Would you turn to the next page,
17	please, which	ch says "moisture and conditioned
18	storage test	ts."
19		Did you work on those tests?
2 0	А	I don't recall.
2 1	Q	Was there some concern at Brown and
2 2	Williamson v	with relation to the moisture content
2 3	of Capri ci	garettes?
2 4	А	Yes.
2 5	Q	What was that concern?
		•

1	Jewell
2	A That since there was less tobacco in
3	the pack, a pack of cigarettes tended to dry out
4	faster or have a shorter shelf life.
5	Q Did you run tests to prove or to
6	disprove that thesis?
7	A Yes.
8	Q What was the result of those tests?
9	A We found Capri to have a shorter shelf
10	life than other cigarettes.
11	Q How much shorter?
12	A Roughly half.
13	Q What is the shelf life of other
14	cigarettes?
15	A That's somewhat difficult to answer.
16	There is a lot of debate within the
17	company as to what "shelf life" means or how to
18	define it.
19	Q Well, you used the term a couple of
2 0	times in your answer and you said Capri had a
2 1	shelf life roughly half of other cigarettes and
22	you must have had some kind of benchmark for that
2 3	and I want to know what it was, whether it is
2 4	subject to debate or not. We may talk about that
25	in a minute. But first I want to know what you

1	251 Jewell
	had in mind when you say Capri was half of it.
2	
. 3	A In the terminology that I would use, I
4	normally think of Capri having a four-and-a-half
5	month shelf life compared to roughly nine months
6	for normal products or for products of a larger
. 7	circumference.
8	Q Does that shelf life translate into
9	higher product returns of Capri versus other,
10	bigger cigarettes?
11	A It can. But that's highly dependent
12	on other factors as well, such as distribution and
13	consumer takeaway.
14	Q What does "consumer takeaway" mean?
15	A Sales.
16	Q What is the return rate on Capri?
17	A I don't know.
18	Q What is the return rate on regular
19	size cigarettes?
2 0	A I don't know.
21	Q Do you know if there is any difference
2 2	between the two?
2 3	A I couldn't be certain.
24	Q This shorter shelf life of Capri, does
2 5	that cause B&W to handle the distribution of Capri

1	Jewell	252
2		
	differently from its other brands?	
3	A I don't know.	
4	Q Who at B&W is in charge of	
5	distribution of Capri?	
6	A The sales department.	
7	Q Who is the boss of the sales	
8	department?	
9	A As of this date?	
10	Q Let's start with that.	
11	A Lanny Butler.	
12	Q Who is it now?	
13	A I am not sure.	
14	Q Has Mr. Butler left that job?	
15	A Yes.	
16	Q Has he left the company?	
17	A Yes.	
18	Q Where is he now?	
19	A I don't know.	
20	Q Did he retire?	
2 1	A Yes.	
2 2	Q Did he take other employment w	when he
23	retired?	
2 4	A I don't know.	
2 5	Q In manufacturing, because of	his

1	Jewell
2	shelf life difference, do you do anything
. 3	differently to the tobacco in Capri as compared to
4	your other products?
5	A Yes.
6	Q What do you do differently?
7	A We produce the tobacco with a slightly
8	higher moisture content.
9	O How much higher?
10	A On the order of a half to 1 percent.
11	
12	full-size brands?
13	A It is on the order of 13, 14 percent.
14	Q Do you remember a few years ago we had
15	this debate about different ways to measure
16	moisture, and I think we established your way
17	comes out with a higher reading than Philip
18	Morris's way. Do you remember all that?
19	A I am afraid I don't.
20	Q Okay. Let me ask you this.
2 1	Do you, B&W, still use the same
2 2	moisture test methodology that you used in 1985?
2 3	MR. NICODEMA: Meaning as of the end
2 4	of May '89.
2 5	A I am not sure.

1		254 Jewell
	0	
2	Q	Do you recall the methodology changing
	any?	
4	Α	Yes.
5	Q	When?
.6	A	I can't be certain.
7	Q	How did it change?
8	Α	Newer ovens were installed.
9	Q	But as far as the temperature and the
10	time that y	ou exposed the sample in the oven, has
11	that remain	ed the same?
12	. A	I don't know.
13	Q	Is the QC department under you in
14	Macon?	e in the second of the second
15	. А	No.
16	Q	I show you what has previously been
17	marked as D	efendant's Exhibit 61 for
18	identificat	ion.
19		Did you get a copy of this document?
2 0	Α	I don't recall.
2 1	Q	You are shown to get a copy; right?
2 2	A	Correct.
2 3	Q	Any reason to doubt that you got it?
2 4	А	No.
2 5	Q	What was the Capri expansion steering

		255
1		Jewell
2	committee?	
3	A	I don't recall.
4	Q	Were you a member of that committee?
5	A	I don't recall.
6	Q .	Do you recall anything having to do
7	with Capri e	expansion around this time frame?
8	Α .	No.
9	Q	You might look at item 14 on the next
10	page. What	was Shorewood's inspection
11	capability?	
12		You apparently were supposed to
13	investigate	?
14	A	This had to do with their ability to
15	inspect mate	erial from materials from visual
16	defects.	,
17	Q	Who do you mean by that, Shorewood?
18	А	Correct.
19	Q	Who was Shorewood?
20	Α	They were a supplier of materials.
2 1	Q	Packing materials?
22	А	Correct.
2 3	Q	Did you conduct this investigation?
2 4	А	I don't recall.
2 5	Q	Did you conduct a collaborative

,	256 Jewell
1	
2	development between Shorewood and B&W for the
3	vision inspection system?
4	A No.
5	Q Who was LTH?
6	A Tom Haag.
7	Q H-a-a-g?
8	A Correct.
9	Q Did he work for you?
10	A No.
11	Q For whom did he work?
12	A Harry Roeder.
13	Q Did he conduct this investigation of
14	Shorewood's inspection capability?
15	A I don't recall.
16	Q Did he do any collaborative
17	development between Shorewood and B&W?
18	A Not to my knowledge.
19	Q The next page, item 28, actually it is
2 0	two pages over, I'm sorry. Is that JRM? Is that
2 1	Mr. Myhand?
2 2	A Correct.
2 3	Q Were you and Mr. Myhand together
2 4	supposed to define a start-up team for Capri
25	machinery?

		257
1		Jewell
2	A	It would appear that way from this
3	entry.	
4	Q	Did you do that?
5	A	I don't recall.
6	Q	What is the start-up team for
7	machinery?	
8	A ·	The people in support services needed
9	to carry out	t first production on the piece of
10	machinery.	
11	Q	Is this to teach operators how to run
12	the machine	or is it for some other purpose?
13	A	For some other purpose.
14	Q	What was the other purpose?
15	A	To start up a new product for the
16	first time.	
17	Q	Did you train operators on these Capri
18	machines?	
19	A	Can you define "you"?
2 0	Q	"You, " B&W.
2 1	А	Yes.
22	Q	Did you have any role in that?
2 3	А	I don't recall.
2 4	Q	What did these people have to be
2 5	taught diff	erent from what the person would be

		258
1	Jewell	
2	taught to run an ordinary making machine?	
3	A I don't know.	
4	Q Is there any difference between	
5	operating a Capri machine and a regular mak	ing .
6	machine?	
7	A I would have trouble saying one	way or
8	the other.	
9	Q I take it you have never operate	ed
10	either; is that right?	
11	A That's correct.	
12	MR. SECREST: I ask the reporte	r to
13	mark, as Defendant's Deposition Exhibit 265	for
14	identification, a document dated March 6, 1	9 8 7
15	bearing production Nos. BWT95-061 to 063.	
16	(Whereupon, document above refe	rred to
17	was marked as Defendant's Exhibit 265 for	
18	identification, as of this date.)	
19	Q Dr. Jewell, did you receive a c	opy of
2 0	Exhibit 265? And I will note for you that	your
2 1	name appears on the distribution list on pa	ge 3.
2 2	A I don't recall.	
2 3	Q Have you got any reason to doub	t that
2 4	you got it?	
25	A No.	

,	259 Jewell
1	Jewell
2	Q Were you a member of the operating
. 3	committee?
4	A I have been.
5	Q Is this the committee that you told me
6	yesterday had ceased to exist?
7	A Yes.
8	Q And at one time it was kind of an
9	advisory group for Mr. Sandefur; is that right?
10	A Correct.
11	Q There is some new names on the front
12	page I am going to ask you about. The first one
13	is Heger.
14	Who is that?
15	A Carl Heger.
16	Q What was his job?
17	A He was vice president of finance.
18	Q How about Anders?
19	A That's Jerry Anders. I am not you
20	are asking about
2 1	Q Who was Jerry Anders?
22	A I am not sure what his role was at
23	this time.
2 4	As a matter of fact, seeing Jerry's
25	name reminds me that the answer I gave you on Tom

			260
1		Jewell	
2	Haag may ha	ve been in error before.	
3	Q	What did you tell me about Haag	
4	before?		
5	Ā	That he reported to Harry Roeder	· I .
6	may be wron	g about that, so	
7	Q	Okay. I don't think the world is	3
8	going to end	d if that answer was wrong, so	•
9	•	Who was Mr. Lowdenback?	
10	A	Vice president of human resources	5 .
11	Q	How about Mr. H. Pague?	
12	. A	I don't recall what his role was	at
13	this time.		
1 4	Q	Does he still work for the company	ny?
15	A	No.	
16	· Q	Is he retired?	
17	Α	Yes.	
18	Q	Would you look at paragraph 6 on	the
19	second page		
2 0		I read that and it looked to me	like
2 1	you were at	the meeting and were asked to do	
2 2	something.	But on the first page, it doesn'	t list
2 3	you as bein	g an attendee.	
2 4		Were you at this meeting?	
2 5	А	I don't recall.	

1	261 Jewell
2	
3	A Yes.
· 4	Q Did you present a contingency plan for
5	a speeded up 1-1/2 share of market?
6	A Yes.
,7	Q What was that plan?
8	A It involved appropriate equipment to
9	be able to produce $1-1/2$ share of market for
10	Capri.
11	Q Has Capri ever achieved 1-1/2 share of
12	market?
13	A Not to my knowledge.
1 4	Q What is the highest it ever got?
15	A I am not sure.
16	Q Did it ever even reach 1?
17	A I am not sure.
18	Q Would you look at the next page,
19	please.
2 0	With reference to this paragraph 10,
2 1	what was the role of BATUS in the Capri project?
2 2	A BATUS was responsible for approving
2 3	major operating plans of B&W.
2 4	Q Who at BATUS had to give that
2 5	approval?

				•	262
	1			Jewell	. 0 2
	2		A	Hank Frigon.	
	. 3		Q	Excuse me?	
	4		A	Hank Frigon.	
	5		Q	Was he the president of BATUS?	
	6		A	I am not sure what his exact title	=
	7	was.	-		
	8		Q	This contingency plan that you gas	ve
	9	for a	1-1/2	share of market, did you implement	t
•	10	that?			
	11		A	Yes.	
	12	,		MR. SECREST: I ask the reporter	to
	13	mark,	as De	fendant's Deposition Exhibit 266 f	or
	14	ident	ificat	ion, a document dated March 13, 19	87,
	15	beari	ng pro	duction Nos. BWT103-073 through 07	6.
	16			(Whereupon, document above referre	ed to
	17	was m	arked	as Defendant's Exhibit 266 for	
	18	ident	ificat	ion, as of this date.)	
	19			(Discussion off the record.)	
	2 0		Q	Did you receive a copy of this	
	2 1	docum	ent?		
	22		A	I don't recall.	
	2 3		Q	Were you at this meeting?	
	2 4		Α	I don't recall.	
	2 5		Q	You are shown for a copy; right?	

					263
1		Jewel	. 1		203
2	A Yes	5.			
. 3	Q Do	you think	you prob	ably got it	?
4	A Yes	5.			
5	Q On	the first	page, it	says you a	nd
6	some other fel:	lows led th	ne commit	tee through	
7	alternative pla	ans.	. *		
8	Doe	es that ind	dicate to	you that yo	ou
9	were at the med	eting?			
10	A It	sounds ver	y likely		
11	Q Wor	uld you loc	k at the	next page,	down
12	toward the bot	tom. The t	hird bul	let up from	the
13	bottom says:	"BWT taking	g first c	laim on fou	r
14	German and fou	r Swiss mac	chines."		
15	" B1	WT" is Brow	vn and Wi	lliamson; r	ight?
16	A Co	rrect.			
17	Q Who	o is this f	first cla	im against?	
18	AI	don't recal	11.		
19	Q Wh	at were the	ese machi	nes that yo	u were
2 0	getting or	taking firs	st claim	on?	
21	A I	don't recal	11.		
2 2	Q Di	d they have	e to do w	ith Capri?	
2 3	A I	don't recal	11.		
2 4	Q If	you look u	ip at the	top, this	whole
2 5	first paragrap	h talks abo	out a spe	eded up pla	n, and

	2 6 4
1	Jewell
2	the third bullet there says: "Requires usurping
. 3	machines destined for Germany and Switzerland."
4	Do you see where I am reading that?
5	A Yes.
6	Q Do you understand that to mean a
7	diversion of machines that otherwise would have
8	gone to B.A.T. Industries companies in Germany and
9	Switzerland?
10	A Yes.
11	Q Did that happen?
12	. A I don't recall.
13	(Recess taken.)
14	Q Dr. Jewell, I hand you a copy of what
15	has been previously marked as Defendant's
16	Deposition Exhibit 71 for identification.
17	Did you get a copy of that document?
18	A I don't recall.
19	Q You are listed for a copy; right?
2 0	A Correct.
2 1	Q Any reason to doubt that you received
2 2	your copy?
2 3	A No.
2 4	Q Did you attend the meeting that is
2 5	reported in this document?

		2 6	5 5
1		Jewell	
2	А	I don't recall.	
. 3	Q	You are listed as being present;	
4	right?		
5	А	Correct.	
6	Q	Any reason to doubt that you attend	ied?
7	A	No.	
8	Q	Who is Mr. Beck?	
9	A	Roger Beck.	
10	Q	He worked for B.A.T.?	
11	A	Correct.	
12	· Q	Which tentacle of B.A.T. does he wo	ork
13	for?		
14	A	Machinery services.	
15	Q	Is that B.A.T. Industries? Or some	9
16	subordinate	company under industries?	
17	A	I am not sure.	
18	Q	Is he in GR&DC?	
19	A	I am not sure.	
20	Q	Is he from Southampton?	
2 1	A	No.	
2 2	Q	From Liverpool?	
2 3	А	No.	
2 4	Q	Where is he from?	
25	А	Millbank.	

1	Jewell
2	Q Why was Mr. Beck an attendee at this
3	meeting?
4	A I don't recall.
5	Q Did B&W work with people from B.A.T.
6	on development of Capri?
7	A Yes.
8	Q What was the nature of that work with
9	B.A.T. on Capri?
10	A It was necessary to coordinate
11	equipment requirements within the group for Capri
12	products.
1 3	Q Was it desirable that B&W and Germany,
14	Switzerland, B.A.T. companies all use the same
15	machines?
16	Maybe I should say same type of
17	machines.
18	A No.
19	Q What was the objective of coordination
20	regarding machinery, then?
21	A To deal with issues when there were
22	conflicts.
2 3	Q Was there any effort made to eliminate
2 4	conflicts rather than just deal with issues when
25	conflicts arose?

	267
1	Jewell
2	A I don't recall.
3	Q Did you deal with people from B.A.T.
4	on machinery? You personally I mean.
5	A I don't recall.
6	Q Would you look at the last page of the
7	document, please.
8	The second sentence refers to B.A.T.
9	UK&E providing an HLP1 operator trainer.
10	My first question is, what is an "HLP1
11	operator trainer"?
12	A Someone to train operators on HLP1
13	operation.
1 4	Q What is "HLP1 operation"?
15	A Running an HLP1.
16	Q What is an "HLP1"?
17	A It is a hinge lid packer.
18	Q Is this a machine to be used for
19	packing Capri cigarettes?
2 0	A I am not sure.
2 1	Q Did B.A.T. UK&E, in fact, provide this
22	person to B&W?
2 3	A I don't recall.
2 4	Q Did this person come under your
25	jurisdiction at Macon?

			268
1		Jewell	
2	A	I'm sorry, which person?	
- 3	Q	Let me ask it this way.	
4		Had the person been provided, w	ould
5	that person	have fallen within your jurisdi	ction?
6	Α	No.	
7	Q .	Under whose jurisdiction would	that
8	person have	been?	
9	A	Training.	
10	Q	And who was the individual in c	harge
11	of that back	at this time, April '87?	
12	A	I don't recall.	
13	e .	MR. SECREST: I ask the reporte	r to
14	mark, as Def	endant's Deposition Exhibit 267	for
15	identificati	on, a document dated April 3, 1	987,
16	bearing prod	uction Nos. BWT103-066 to 068.	
17		(Whereupon, document above refe	rred to
18	was marked a	s Defendant's Exhibit 267 for	
19	identificati	on, as of this date.)	
20	Q	Did you receive a copy of that	
21	document?		
2 2	A	I don't recall.	
2 3	Q	Your name is shown for a copy.	Do you
2 4	think you go	t it?	
25	А	Very likely.	

	269
1	Jewell
2	Q Referring now to paragraph Arabic 1,
3	what is an "Ltd. index"?
4	A I don't know.
5	Q Looking at the third paragraph under
6	Arabic 1, it talks about some Capri packers
7	assigned to BATCO being diverted to Macon.
8	Did that happen?
9	A I m sorry, where are you?
10	Q The third paragraph, under Arabic 1,
11	it starts out: "Mr. Sandefur informed."
12	A I don't recall.
13	Q Did you plan a place to put those
14	machines, like Mr. Sandefur asked you to?
15	A I don't recall.
16	RQ MR. SECREST: Counsel, in the middle
17	of that paragraph, at the line that starts on the
18	left-hand margin "if the high speed packer," do
19	you see where I am reading?
2 0	MR. NICODEMA: Yes.
2 1	MR. SECREST: After the word "on,"
22	there is a big gap.
2 3	The sentence doesn't make sense with
2 4	that gap in there, and I would just ask if you
2 5	would advise us has something been redacted or

	270
1	Jewell
2	maybe this is the way the document was made
3	originally.
4	If you could check that out sometime
5	and let us know, I would appreciate it.
6	MR. NICODEMA: We will look into that
7	and let you know.
8	Q Down a couple of paragraphs,
9	Dr. Jewell, there is a reference to "Sabre." Do
10	you see that?
11	A Yes.
12	Q What was "Sabre"?
13	A I don't recall.
14	MR. SECREST: I ask the reporter to
15	mark, as Defendant's Deposition Exhibit 268 for
16	identification, a document dated April 24, 1987,
17	bearing production Nos. BWT103-062 to 065.
18	(Whereupon, document above referred to
19	was marked as Defendant's Exhibit 268 for
20	identification, as of this date.)
21	Q Did you receive a copy of that
22	document, Dr. Jewell?
23	I will note your name appears on the
2 4	distribution list.
2 5	A I don't recall.

1	Jewell
2	Q Any reason to doubt that you got it?
. 3	A No.
4	Q Would you look at page 3 or, actually,
5	it is numbered 4, it is the third page but it has
6	No. 4 at the top.
7	Paragraph D talks about test marketing
8	of a dual-audience slim cigarette.
9	What is a "dual-audience slim
10	cigarette"?
11	A One that appeals to both male and
12	female.
13	Q Was this test marketing carried out?
14	A I don't know.
15	Q Does B&W now sell a dual-market slim
16	cigarette May 30th, 1989?
1 7	A I am not sure.
18	Q What is the difference in a
19	dual-audience slim cigarette and a regular old
2 0	Capri?
2 1	A I don't know.
2 2	Q Put it in a macho pack or something?
2 3	A I don't know.
2 4	Q The next paragraph talks about a
2 5	male-oriented slim cigarette.

		272
1	Jewell	
2	Was that item test-marketed?	
3	A I don't recall.	
4	Q As of May 30, 1989, did B&W sell	£
5	male-oriented slim cigarette?	
6	A I am not sure.	
7	Q What is the difference between a	
8	male-oriented slim cigarette and a regular old	Ė
9	Capri?	
10	A I don't know.	
11	Q What is the difference between a	
12	male-oriented slim cigarette and a regular ole	i
13	Virginia Slims?	
14	A I don't know.	
15	Q Is there any difference?	
16	A I don't know one way or the other	
17	Q You know what a Virginia Slims is	;
18	don't you?	
19	A Yes.	
2 0	Q Is there any difference between a	
2 1	Virginia Slims and a dual-audience slim cigare	ette?
22	A I don't know.	
2 3	You are well beyond my level of	
2 4	expertise in these matters.	
2 5	Q How many different models of Capr.	i did

1	273 Jewell
2	B&W make as of May 30, 1989?
3	A I don't recall.
4	Q More than one?
5	A Yes.
6	Q How many?
7	A I am not sure.
8	Q Name for me the ones you can
9	remember.
10	A There is both a menthol and
11	non-menthol version of Capri.
12	THE WITNESS: I want to make sure I
13	don't answer this incorrectly.
14	Could you reread his question for me
15	again, please.
16	(A portion of the record was read.)
17	A Those are the only two I can be sure
18	of as of that date.
19	Q Were both of those that you mentioned
20	120 millimeter lengths?
2 1	A No.
2 2	Q Were they 100 millimeter lengths?
23	A Nominally.
2 4	Q As of this date, did you make any
2 5	Capris in other a hundred millimeter length?

1		Jewell	274
2	А	I don't recall.	
. 3		MR. SECREST: I ask the reporter	to
4	mark, as De	fendant's Deposition Exhibit 269	for
5	identificat	ion, a document dated May 12, 198	7,
6	bearing the	production number BWH103-114.	
7		(Whereupon, document above refer	red to
8	was marked	as Defendant's Exhibit 269 for	
9	identificat	ion, as of this date.)	
10	Q	Did you receive a copy of this	
11	document?		
12	. А	I don't recall.	
13	Q	You were shown for a copy of it;	
14	right?		
15	А	Correct.	
16	Q	Any reason to doubt that you got	it?
17	А	Yes.	
18	Q	Let's hear it.	
19	Α	It is not signed, which is normal	lly
20	the case wh	en it issues.	
21	Q	Have you ever received a document	t at
2 2	B&W that wa	sn't signed?	
2 3	A	Not normally.	
24	Q	Who is RTL? Is that Mr. Lewis?	
25	А	Correct.	

	2 7	5
1	Jewell	
2	Q Did he always sign his documents?	
3	A As a general rule.	
4	Q Let me ask you this. Is it possible	е
5	that the copy from which this was made, so that	,
6	your lawyers could give it to us, came out of	
7	Mr. Lewis's own file? Hence, perhaps, it is no	t
8	signed?	
9	Does that make sense?	
10	MR. NICODEMA: Don't speculate. If	:
11	you know, if you have information, give it to	
12	him.	
13	A I really don't know what Mr. Lewis'	S
14	practices are.	
15	Q You sign the copy of documents that	<u>.</u>
16	you write that you put in your own file?	
17	A I don't keep a copy or a file of my	7
18	own documents.	
19	Q Does anybody keep a copy for you of	<u>:</u>
2 0	your documents?	
21	A They would be in the general	
2 2	engineering files.	
2 3	Q You consider that your file, also?	
2 4	A No.	
25	Q Where is your file, then?	

1	276 Jewell
2	A I am not sure I am following the
3	semantics, but I take you to mean files that are
. 4	in my office that I use on a day-to-day basis.
5	Q No, that's not what I meant really.
6	What I am trying to get at is, where
7	is your file copy of your documents you wrote
8	kept, and if it is in this general engineering
9	file is that the case?
10	A I don't know.
11	Q You don't know where your file copy of
12	documents goes?
13	A No.
14	Q Do you have a secretary?
15	A Yes.
16	Q Is she supposed to maintain a record
17	of your correspondence for you?
18	A Yes.
19	Q Where does she keep that?
20	A I am not sure.
2 1	Q Have you ever gone to look for a
2 2	letter that you wrote in the past?
2 3	A Yes.
2 4	Q Where did you look for it?
2 5	A I usually can't find them. I have my

		277	
1		Jewell	
2	secretary f	ind them for me.	
. 3	Q	Where does she go look for them?	
4	А	I am not sure.	
5	Q	Well, wherever it is that she goes and	Ŀ
6	looks for t	hem, when she finds your copy of	
7	something y	ou wrote in the past, is it signed?	
8	A	I don't know.	
9	Q	Well, enough of that.	
10		Back to this piece of paper we were	
11	looking at,	(indicating), did Mr. Strubel conduct	
12	subjective	assessments of the differentiability of	Ē
13	small circu	mference cigarettes? Back in the	
14	spring of '	87.	
15	A	I don't know.	
16	Q	Did Strubel work for you at this time?	?
17	A	No.	
18	Q	Was he still back in Kentucky?	
19	A	Yes.	
2 0	Q	In RD&E?	
2 1	A	No.	
2 2	Q	Did RD&E still exist then?	
2 3	A	No.	
2 4	Q	What group was he in at the time?	
2 5	A	R&D.	

1		278 Jewell
	0	
2	Q	The "E" part moved to Macon with you;
. 3	right?	
4	A	Correct.
5	Q	Have you ever heard of Mr. Strubel
6	conducting	subjective assessment of the
7	differentia	bility of small circumference
8	cigarettes?	
9	A	I don't recall.
10	Q	Do you have any idea why he was doing
11	this?	
12	. А	No.
13	Q	Who was J.W. Sullivan?
14	A	He was a project person in either R&D
15	or engineer	ing at this time.
16	Q	Was he in Macon or Louisville?
17	A	Louisville.
18	Q	Was he like a model builder?
19	A	No.
20	Q	What do you understand to be a visual
2 1	mock-up of	97-millimeter Capri?
2 2	A	Something that looks like Capri, in 97
2 3	millimeters	, these different sizes of
2 4	circumferen	ce.
2 5	Q	Visual mock-up, would that imply to

	279
1	Jewell
2	you a picture or an actual three-dimensional
. 3	object?
4	A An object.
5	Q Have you ever seen visual mock-ups of
6	this sort at B&W?
7	A I don't recall.
8	Q Who was E.T. Cullen?
9	A He was a project person in the
10	machinery group.
11	Q Did he work with Mr. Sullivan on
12	projects?
13	A From time to time.
14	Q What was Mr. Strubel's job in May of
15	'87?
16	A I am not sure.
1 7	Q Where does he work now?
18	A He is currently housed in Louisville
19	and his retirement is this week, I think.
2 0	Q No kidding; are you going to it?
2 1	A Unfortunately, not. I am here.
2 2	Q His retirement is when, this weekend?
2 3	A I think that's right.
2 4	Q Are you going to throw a big party for
2 5	him? Give him my regards.

			280
1			Jewell
2			(Discussion off the record.)
. 3			MR. SECREST: I ask the reporter to
4	mark,	as De	fendant's Deposition Exhibit 270 for
5	ident	ificat	ion, a document dated May 29, 1987,
6	beari	ng prod	duction Nos. BWT103-053 to 055.
7			(Whereupon, document above referred to
8	was ma	arked	as Defendant's Exhibit 270 for
9	ident	ificat	ion, as of this date.)
10		Q	Did you receive a copy of that
11	docume	ent, D	r. Jewell?
12		Α	I don't recall.
13		Q	You are shown for a copy on the last
14	page;	right	?
15		A	Correct.
16		Q	Any reason to doubt that you got it?
17		A	No.
18		Q	You just said you got no reason to
19	doubt	that	you got this document.
2 0			But it ain't signed either; is it?
2 1		A	Thank you for pointing that out to me,
2 2	I gue	ss I d	o.
2 3		Q	I think you were probably right the
2 4	first	time.	
2 5			Would you look at that last page which

1		Jewell	11
2	has no sign	ature on it but despite which you sa	id
3	you didn't	doubt you got the document.	
- 4	-	It refers to Ultra Slim Barclay	
5	Lights.		
6		Do you see that?	•
7	A	Yes.	
8	Q .	Did B&W make an Ultra Slim Barclay	
9	Light?		
10	A	I believe we did.	
11	Q	And you test marketed it; right?	
12	A	I don't recall if it was a Lights,	but
13	there was a	n Ultra Slim Barclay.	
14	Q	That went to test market; right?	
15	A	Correct.	
16	Q	It failed in test market; right?	
1 7	A	Not to my knowledge.	
18	Q	Are you selling it?	
19	А	No.	
2 0	Q	Did you expand the test market?	
2 1	A	No.	
2 2	Q	Did you withdraw it from test marke	t?
2 3	А	Yes.	
2 4	Q	Doesn't that sound like failure?	
2 5	А	No.	

1	Jewell
2	Q It does in my book.
. 3	What was Mr. Whitehair's group?
4	A Marketing.
5	Q What particular group within marketing
6	or was it all of marketing?
7	A I don't recall.
8	Q Was Whitehair the chief of marketing
9	back at this time?
10	A I can't be sure.
11	MR. SECREST: I ask the reporter to
12	mark, as Defendant's Deposition Exhibit 271 for
13	identification, a document dated June 12, 1987
14	bearing production Nos. BWT103-051 and 052.
15	(Whereupon, document above referred to
16	was marked as Defendant's Exhibit 271 for
17	identification, as of this date.)
18	Q Did you receive a copy of this
19	document, Dr. Jewell?
2 0	A I don't recall.
2 1	Q Did you attend this meeting?
2 2	A I don't recall.
2 3	Q You are shown as attending the
2 4	meeting; right?
2 5	A Correct.

1	Jewell
2	Q Any reason to doubt that you were
3	there?
4	A No.
5	Q According to this document, you
6	reported to the committee on a process to reclaim
7	Capri shorts.
8	Did you do that?
9	A I don't recall.
10	Q What is the percent shorts on Capri?
11	A I don't recall.
12	Q What is the percent shorts on regular
13	full circumference brands at B&W?
14	A I don't recall.
15	Q Is the percentage shorts on Capri the
16	same as, more, or less than the percentage shorts
17	on regular full circumference brands?
18	A I don't recall.
19	Q Is the reclamation of shorts something
20	within your bailiwick at Macon?
2 1	A The process development of reclaim
22	would be.
2 3	Q The actual carrying out of reclamation
2 4	is somebody else's responsibility; is that right?
2 5	A Correct.

	284
1	Jewell
2	Q Did you develop some process for Capri
3	shorts reclamation?
4	A Yes.
5	Q Is it any different from reclamation
6	of shorts from regular circumference brands?
7	A Yes.
8	Q . In what way?
9	A The screens that are used to separate
10	the paper from the tobacco are of a different
11	specification.
12	Q What is the difference in the spec?
1 3	A This is not a complete set of
14	specification differences, but one would be a
15	smaller screen size.
16	Q Is Capri the smaller screen size?
1 7	A Correct.
18	Q Is that a function of the fact that
19	Capri is reduced circumference and, hence, reduced
2 0	amount of paper?
2 1	A No.
2 2	Q Why is it a smaller screen size?
2 3	A To keep the filters from falling
2 4	through into the good tobacco.
2 5	MR. SECREST: I ask the reporter to

	205
1	Jewell
2	mark, as Defendant's Deposition Exhibit 272 for
. 3	identification, a document dated June 26, 1987,
4	and bearing production No. BWT103-094.
5	(Whereupon, document above referred to
6	was marked as Defendant's Exhibit 272 for
7	identification, as of this date.)
8	Q Did you receive a copy of that
9	document?
10	A I don't recall.
11	Q Your name appears for a copy.
12	Do you have any doubt that you
13	received it?
14	A Only that, again, this is unsigned
15	which is not normally our procedure.
16	Q This FOB that is referred to in
17	subject, is that, again, flip-open box?
18	A Yes.
19	Q Does this person, Trebilcock, work for
2 0	you?
2 1	A No.
2 2	Q Do you know why Trebilcock was asking
2 3	for three handmade samples of 115-millimeter FOB
2 4	packs?
2 5) No



			286
1 ,		Jewell	200
2	Q i	Has B&W ever made a 115-millimete	er:
. 3	Capri cigaret	tte?	
4	Α	I am not sure.	
5	Q I	Do you have any information on th	nat
6	subject at a	11?	
7	A	I recall that both were considere	∍d.
8	Q	That what?	
9	Α	That both sizes were considered a	at one
10-	time.		
11	Q .	You confused me there because I	only
12	mentioned one	e, 115.	
13	Ţ.	What was the other one you had in	ı
1 4	mind?		
15	Α	That both 115- and 120-millimeter	<u>-</u>
16	products were	e considered at one time for Capi	ci.
17	Q V	Were either of those sizes ever	
18	brought to ma	arket?	
19	Α	Yes.	
2 0	Q V	Which one?	
2 1	A	120.	
2 2	Q i	Are you selling them now?	
2 3	A	Yes.	
2 4	I	MR. SECREST: I ask the reporter	to
2 5	mark, as Defe	endant's Deposition Exhibit 273 f	for

	287
1	Jewell 1
2	identification, a document dated June 29, 1987,
3	bearing production No. BWT21-061.
4	(Whereupon, document above referred to
5	was marked as Defendant's Exhibit 273 for
6	identification, as of this date.)
7	Q Did you receive that document?
8	A I don't recall.
9	Q It is addressed to you; isn't it?
10	A Correct.
11	Q Do you have any reason to doubt that
12	you received it?
13	A No.
14	Q This 115-millimeter Capri line
15	extension that is discussed here, was that
16	cigarette built?
17	A What do you mean by "built"?
18	Q Fabricated.
19	A I don't know.
2 0	Q Do you recall any test marketing of a
2 1	115-millimeter cigarette?
2 2	A Not that I can recall.
2 3	Q Dr. Jewell, I am going to hand you a
2 4	document that my colleague tells me was previously
2 5	marked as Defendant/a Enhibit 52

	200
1	Jewell
2	It looks to me like that's the same
. 3	cover memo with some additional comments on it as
4	we just looked at in 273, and then there is some
5	attachments; right?
6	A Yes.
7	Q I am looking now at the last couple of
8	pages, and there is a reference to "Wizard
9	electronic mail system."
10	Can you tell me what that is?
11	A That's Brown and Williamson's
12	electronic mail system.
13	Q Is that some way you can zap messages
1 4	back and forth around B&W?
15	A It is a way to electronically transfer
16	messages from one terminal to another.
17	Q Zap?
18	A Okay.
19	Q On the next-to-last page, by "DIST,"
2 0	(indicating), there is several groupings of four
2 1	letters.
2 2	Can you tell me what those stand for?
2 3	A People's names.
2 4	Q Is the first one you?
2 5	A That's correct.

		289
1	_	Jewell
2	Q	"JOJE," is that your code in the
3	electronic r	nail system [*]
4	Α	No.
5	Q	What is it?
6	А	It represents the first two letters of
7	mý first and	i last name.
8	Q	Right. I figured that one out.
9		Is it some kind of code for you?
10	A	Well, that's one of the ways that mail
11	gets routed	to you.
12	. Q	Does this electronic mail, the last
13	two pages he	ere, have to do with this
1 4	115-millime	cer proposal?
15	Α	I am not sure I am clear on what you
16	mean by the	"115-millimeter proposal"; both
1 7	reference l	15-millimeter product.
18	Q	Okay. Is there any other way that
19	wizard mail	is routed to you other than JOJE?
2 0	A	Yes.
2 1	Q	What other way?
2 2	А	J. Jewell.
2 3	Q	Any other way?
2 4	А	Not that I am aware of.
2 5	Q	Is there any permanent storage

	290
1	Jewell
2	facility at B&W for wizard mail?
. 3	A Not that I am aware of.
4	Q No system like the E-mail that caught
5	Ollie North in the White House?
6	A Not that I am aware of.
7	MR. SECREST: I ask the reporter to
8	mark, as Defendant's Deposition Exhibit 274 for
9	identification, a document dated July 13, 1987,
10	bearing production Nos. BWT21-077 and 078.
11	(Whereupon, document above referred to
12	was marked as Defendant's Exhibit 274 for
13	identification, as of this date.)
1 4	Q Did you receive a copy of that
15	document?
16	A I don't recall.
17	Q You are shown for a copy; right?
18	A Correct.
19	Q Do you have any reason to doubt that
2 0	you got it?
2 1	A No.
2 2	Q Would you look at the second page,
2 3	please.
2 4	There are numbers there of projected
25	capacity needs of ultra slim cigarettes; right?

	291
1	Jewell
2.	A Yes.
3	Q Under the heading Capri, there is
. 4	Capri parent and Capri line extension; right?
5	A Correct.
6	Q Is Capri parent the regular Capri
7	cigarette basic model? If you can call it that.
8	A My understanding, it is the nominal
9	100-millimeter version.
10	Q What was "Capri line ext."?
11	A Some line extension of Capri.
12	Q What was that to be in '88 and '89?
13	A I am not sure.
1 4	Q In '88, this projected capacity need,
15	as I read this, was about 5 billion cigarettes.
16	Is that right?
17	MR. NICODEMA: Can I have that back
18	again.
19	(The record was read.)
2 0	Q I am looking at the line that says
21	Total Capri, not down at the bottom, Total Ultra
22	Slim. I am looking at Total Capri.
2 3	A Well, again, interpreting as we read
2 4	this here, that would be my interpretation, as
2 5	well, at this time.

1		292 Jewell
	0	How many did you really make in 1988?
2	Q	
. 3	, A	I don't recall.
4	Q	Was it 5.054 billion?
5	А	I don't know.
6	Q	Was it anywhere close to that?
7	A	I don't know.
8	Q	Well, out of all the ones you made in
9	'88, what pe	ercentage of them did you sell?
10	A	I don't know.
11	Q	What percentage of them did you give
12	away?	
13	A	I don't know.
14	Q	What percentage of them got returned
15	to the facto	ory?
16	А	I don't know.
1 7	Q	Would you look down there at
18	Assumption 1	No. 1.
19		What do you understand that to mean?
20	А	I don't know.
2 1	Q	Do you know what the term
22	"cannibaliza	ation" means?
2 3	А	Yes.
2 4	Q	What does that mean?
25	А	In the context of cigarette sales,

	293	
1	Jewell	
2	taking sales away from existing products.	
3	Q It seems to me like, correct me if I	
4	am wrong, Assumptions 1 and 2 assume that line	
5	extensions of Capri will have some cannibalizati	o n
6	effect on the Capri parent.	
7	Is that a fair reading of those two	
8	assumptions?	
9	A I am not sure I can reconstruct how	to
10	use those numbers.	
11	Q Well, these first two assumptions ta	lk
12	about the Capri parent getting cannibalized; don	't
13	they?	
14	A Yes, it mentions the cannibalization	,
15	both lines.	
16	Q Assumption No. 7, doesn't that	
17	contradict what he said up here in 1 and 2?	
18	A Like I said, I have trouble	
19	reconstructing this document for you.	
20	Q I am not asking you to reconstruct i	t.
2 1	You got a copy of it sometime on or	
2 2	about July 13, 1987. I would like to know what	
2 3	you understood the document to mean.	
2 4	A I don't recall what my understanding	
2.5	was as of that date.	

	294
1	Jewell
2	Q What do you understand it to mean now?
3	MR. NICODEMA: Now you are asking for
4	opinion, and I object.
5	Q Can you answer my question,
6	Dr. Jewell?
7	A I think I have done the best I can.
8	Q Dr. Jewell, I will hand you a copy of
9	what has been previously marked as Defendant's
10	Deposition Exhibit 148 for identification.
11	Did you receive a copy of that
12	document?
13	A I don't recall.
14	Q Your name is on it; right?
15	A Correct.
16	Q Any reason to doubt that you got it?
17	A No.
18	Q Does this document relate to that same
19	subject we discussed a few minutes ago, about the
20	moisture content in Capri?
2 1	A Yes.
22	Q Why was this test carried out?
2 3	A Well, reading from the objective here,
2 4	to find out if free water added to the Capri pack
2.5	would migrate to the tobacco.

1	Jewell
2	Q Was there consideration of adding
3	water into the pack to increase shelf life?
4	A Yes.
5	Q Was that done on a commercial basis?
6	A Not to my knowledge.
7	Q Instead, you went back earlier in the
8	process and raised the moisture content of the
9	blend; is that right?
10	A Yes.
11	Q Are these moisture studies that were
12	carried out shelf life considerations that delayed
13	the introduction of Capri to the market?
14	A I don't know.
15	Q If you wanted to know the answer to
16	that question, who would you ask?
17	A I am not sure.
18	Q No information on that at all?
19	A No.
20	MR. SECREST: I ask the reporter to
2 1	mark, as Defendant's Deposition Exhibit 275 for
22	identification, a document dated October 16, 1987,
23	bearing production Nos. BWT103-033, 034.
2 4	(Whereupon, document above referred to
2 5	was marked as Defendant's Exhibit 275 for

	296
1	Jewell
2	identification, as of this date.)
. 3	Q Did you attend the meeting reported in
4	this document?
5	A I don't recall it.
6	Q You are listed here as an attendee;
7	right?
8	A Correct.
9	Q Do you have any reason to doubt that
10	you attended it?
11	A No.
12	Q What was Project CAPLITE?
1 3	A I don't recall.
14	Q Was it carried out under your
15	supervision?
16	A I don't recall.
17	Q Why were you reporting on it to this
18	operating committee?
19	A I don't recall.
2 0	Q Do you have any recollection
2 1	whatsoever of Project CAPLITE?
22	A No.
2 3	Q Do you recall any work done on putting
2 4	moisture into a filter?
25	A I recall that is something we talked

1		Jewell	297
2	about doing	at one time.	
_. 3	. Q	Did you ever actually do it?	
4	А	I don't recall.	
5	Q	What about putting a salt solu	tion in
6	the package?	Did you ever do that?	
7	А	I remember some development wo	rk being
8	done on that	· .	
9	Q	Who did that work?	
10	А	Mr. Lewis's group.	
11	Q	What was the purpose of puttin	g a salt
12	solution in	the package?	
13	А	To extend shelf life.	
14	Q	In what way would a salt solut	ion in
15	the package	extend shelf life?	
16	A	It would provide an alternativ	e source
17	of moisture	in the pack.	
18	Q	Was the idea to impregnate the	salt
19	solution in	to the package material?	
20	А	Yes.	
2 1	Q	Was that ever actually done?	
22	А	Yes.	
2 3	Q	Was it done commercially?	
2 4	A	Not that I recall.	•
2 5	Q	Did the salt solution leach ou	t of the

	298
1	Jewell
2	package material into the cigarette?
. 3	A I don't recall.
4	Q Was that a concern?
5	A Yes.
6	Q Do you recall doing any studies on
7	that to determine whether or not that phenomenon
8	occurred?
9	A Yes.
10	Q What was the result of those studies?
11	A I don't recall.
12	MR. SECREST: Dr. Jewell, as you can
13	probably surmise from the little stack of paper I
1 4	have got left here, I didn't finish.
15	I am going to look at these papers and
16	see if I think it is worth our while to have
17	another session with you, and we will get back in
18	touch with your lawyer about that.
19	For now, we are adjourned.
20	(Continued on the following page.)
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1					
2			I N	D E X	
3	WITN	ESS.	EXAM	IINED BY	PAGE
4	John	Nolan Jewell	Mr.	Secrest	159
5					,
6			-00	00-	
7				•	
8				·	
9			EXHI	BITS	
10	DEFE	NDANT'S			
11	FOR	IDENTIFICATION			PAGE
12	254	One-page docume	nt da	ated April 4, 1984,	
1 3		bearing product	ion N	No. BWM4-092	176
1 4	255	Copy of a multi	page	document, the front	
15		page is dated A	pril	23, 1984, it bears	
16		production Nos.	вин	11-137 through 146	177
1 7	256	Three-page docu	ment,	, bearing production	
18		Nos. BWH10-01 t	hroug	jh 03	201
19	257	Document bearin	g pro	oduction Nos.	
2 0		BWH10-15 throug	h 17		202
2 1	258	Three-page docu	ment	bearing production	
2 2		Nos. BWH10-18 t	hroug	gh 20	203
2 3	259	One-page docume	nt be	earing production	
2 4		No. BWH11-47, d	ated	December 27, 1984	204
2 5					

			301
1			-
2		EXHIBITS (Cont'd)	
. 3	260	Copy of a document dated	
4		February 13, 1985, bearing production	
5		Nos. BWH11-111 through 114	206
6	261	Document dated February 25, 1986,	
7		bearing production Nos. BWM7-024	
8		through 029	213
9	262	Document, the first page of which bears	5
10		the date December 3, 1985, and it inclu	ıdes
11		production Nos. BWM8-012 through 022	222
12	263	Document dated September 3, 1986,	
13		bearing production Nos. BWM9-025	236
14		through 026	
15	264	Document bearing the date September 8,	
16.		986, and the production Nos.	
17		BWT110-161 through 163	240
18	265	Document dated March 6, 1987, bearing	
19		production Nos. BWT95-061 through 063	258
2 0	266	Document dated March 13, 1987, bearing	
2 1		production Nos. BWT103-073 through 076	262
2 2	267	Document dated April 3, 1987, bearing	
2 3		production Nos. BWT103-066 to 068	268
2 4	268	Document dated April 24, 1987, bearing	
2 5		production Nos. BWT103-062 to 065	270

			302
1			502
2		EXHIBITS (Cont'd)	
3	269	Document dated May 12, 1987, bearing	
4		the production No. BWH103-114	274
5	270	Document dated May 29, 1987, bearing	
6		production Nos. BWT103-053 to 055	280
7	271	Document dated June 12, 1987 bearing	
8		production Nos. BWT103-051 and 052	282
9	272	Document dated June 26, 1987, and	
10		bearing production No. BWT103-094	285
11	273	Document dated June 29, 1987, bearing	
12		production No. BWT21-061	287
13	274	Document dated July 13, 1987, bearing	
14		production Nos. BWT21-077 and 078	. 290
15	2,75	Document dated October 16, 1987, bearing	3
16		production Nos. BWT103-033 and 034	295
17			
18		-000-	
19			
2 0		REQUEST FOR DOCUMENT	
2 1		RO	
2 2		269 16	
2 3			
24		-000-	
2 5			

1	303
2	STATE OF NEW YORK)
3	COUNTY OF NEW YORK)
4	-
· 5	I, WENDY D. BOSKIND , a Notary
6	Public of the State of New York, do hereby certify that
7	the foregoing deposition ofJOHN NOLAN JEWELL
8	was taken before me on the 27th day of March
9	1991.
10	The said witness was duly sworn before the
11	commencement of his testimony; that the said testimony
12	was taken stenographically by myself and then
1 3	transcribed.
14	The within transcript is a true record of
15	the said deposition.
16	I am not connected by blood or marriage
17	with any of the said parties, nor interested directly
18	or indirectly in the matter in controversy, nor am I
19	in the employ of any of the counsel.
20	In witness whereof, I have hereunto set
21	my hand and seal of office at the County and State of
22	New York this 10th day of April , 1991.
23	
2 4	Wendy D. Boskind
25	werby d. Boskind 170322267

	154
1	Jewell
2	Q Back around the time of this document,
3	November of '86, was pricing and delivery of
4	machinery within your area of responsibility?
5	A No.
6	Q When did pricing and delivering of
7	machinery come within your area of
8	responsibilities? If it ever did.
9	A 1987.
10	Q When you became director of
11	engineering; is that right?
12	A Correct.
13	MR. SECREST: It is 5:00, that's when
14	you wanted to quit.
15	What time do want to start tomorrow?
16	(Discussion off the record.)
17	(Whereupon, at 5:00 p.m., the
18	proceedings were adjourned as above set forth.)
19	
2 0	
21	JOHN NOLAN JEWELL
22	
2 3	Subscribed and sworn to before me
2 4	this day of 1991.
25	

JEWELL